

DRAFT

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

In re Applications of )  
 )  
Santa Monica Community )  
College District for a )  
New Noncommercial FM Station )  
in Mojave, California )  
 )  
Living Way Ministries for a )  
New Noncommercial FM Station )  
in Lancaster, California )

MM Docket No. 94-71  
File Nos. BPED-920305ME  
BPED-920511MC

RECEIVED

JUL 1 1994

TO: The Honorable Joseph Stirmer

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY

JOINT PETITION FOR APPROVAL OF SETTLEMENT AGREEMENT

Santa Monica Community College District ("SMCCD") and Living Way Ministries ("LWM"), acting pursuant to Section 73.3525 of the Commission's rules, hereby petition for approval of the Settlement Agreement annexed hereto as Exhibit 1 concerning the above-referenced applications. In support of this petition, the following is stated:

1. The above-referenced applications are mutually exclusive and cannot be granted without a hearing. The Mass Media Bureau designated a hearing by order released on June 27, 1994. Ref. No. 43638.

2. The attached Settlement Agreement contemplates that SMCCD will amend its application to propose a different channel in Mojave, thus removing the conflict and facilitating the grant of both applications (and mooted the issue designated under Section 307(b)).

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3. A grant of the Settlement Agreement, along with SMCCD's amendment (which is annexed hereto as Exhibit 2), would serve the public interest. The Commission's resources would be conserved because there would be no need for a hearing, and service to the Mojave and Lancaster communities could be expedited.

4. Annexed hereto as Exhibits 3 and 4 are Declarations from a member of the SMCCD Board of Trustees and Gary Curtis, LWM's Executive Director, setting forth the information required by Section 73.3525. Those Declarations confirm the statement in the Settlement Agreement that no consideration has been exchanged or promised between the parties.

5. Annexed hereto as Exhibits 5 and 6 are determinations from the FAA that neither applicant's tower will cause an air hazard. Since SMCCD is changing the frequency and power of its proposal, further confirmation is required from the FAA. Since SMCCD is reducing power, however, it is anticipated that that confirmation will be forthcoming. An appropriate supplement will be filed as soon as it is received.

6. Finally, to the extent necessary, it is respectfully requested that the filing of this Joint Petition be deemed to be a notice of appearance by SMCCD and LWM under Section 1.221(c) of the Commission's rules.

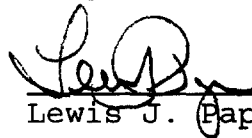
WHEREFORE, in view of the foregoing, it is respectfully requested that the attached Settlement Agreement be approved, that SMCCD's amendment be granted, that the above-referenced applications be granted, and that the proposed hearing be terminated.

Respectfully submitted,

KECK, MAHIN & CATE  
1201 New York Avenue, N.W.  
Washington, D.C. 20005-3919  
(202) 789-3400

Attorneys for Santa Monica  
Community College District

By:



Lewis J. Paper, Esq.

LIVING WAY MINISTRIES  
14820 Sherman Way  
Van Nuys, California 91405

By:

Gary Curtis, Executive Director

-3-

WHEREFORE, in view of the foregoing, it is respectfully requested that the attached Settlement Agreement be approved, that SMCCD's amendment be granted, that the above-referenced applications be granted, and that the proposed hearing be terminated.

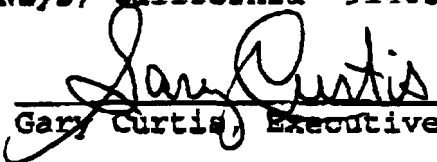
Respectfully submitted,

KECK, MAHIN & CATE  
1201 New York Avenue, N.W.  
Washington, D.C. 20005-3919  
(202) 789-3400

Attorneys for Santa Monica  
Community College District

By: \_\_\_\_\_  
Lewis J. Paper, Esq.

LIVING WAY MINISTRIES  
14820 Sherman Way  
Van Nuys, California 91405

By:  \_\_\_\_\_  
Gary Curtis, Executive Director

**EXHIBIT 1**

## SETTLEMENT AGREEMENT

This Settlement Agreement is made this 28th day of June, 1994 by and between SANTA MONICA COMMUNITY COLLEGE DISTRICT ("SMCCD"), a public educational institution, and LIVING WAY MINISTRIES ("LWM"), a non-profit religious corporation.

WHEREAS, SMCCD has filed an application with the Federal Communications Commission ("FCC") for a new noncommercial FM station on Channel 204B in Mojave, California (File No. BPED-920305ME); and

WHEREAS, LWM filed an application with the FCC for a new noncommercial FM station on Channel 205A in Lancaster, California (File No. BPED-920511MC); and

WHEREAS, SMCCD's application and LWM's application are deemed by FCC rules to be mutually exclusive because of a contour overlap; and

WHEREAS, the FCC issued a Hearing Designation Order on June 27, 1994, requiring a comparative hearing to be held with respect to SMCCD's and LWM's respective applications; and

WHEREAS, SMCCD and LWM are desirous of resolving the conflict so that both of their respective applications can be granted by the FCC;

NOW, THEREFORE, in light of the mutual promises and covenants contained herein, the parties agree as follows:

First, simultaneous with the execution of this Settlement Agreement, SMCCD will execute the attached amendment to its application to change its proposed channel of operation from 204B to 201B as reflected in the Engineering Exhibit attached to the

aforementioned amendment. It is understood and contemplated by the parties that the FCC's acceptance of the aforementioned amendment will eliminate the conflict between SMCCD's and LWM's applications.

Second, SMCCD and LWM shall, at the earliest practicable date and no later than July 1, 1994, file a Joint Petition for Approval of Settlement Agreement ("Joint Petition") with the FCC Presiding Judge requesting that SMCCD's amendment be accepted, that the designated hearing be terminated, and that both SMCCD's and LWM's applications be granted.

Third, the parties will cooperate with each other to diligently and promptly prosecute the Joint Petition to a successful conclusion. To that end, each party will cooperate with the other and provide whatever additional information may be reasonably requested by the FCC Presiding Judge, the FCC's Mass Media Bureau, or any other party. Each of the parties will bear its own legal and other expenses in conjunction with the preparation and prosecution of this Settlement Agreement, the Joint Petition, and all related documents and actions.

Fourth, no consideration will pass from one party to the other in conjunction with this Settlement Agreement or the prosecution of the Joint Petition.

Fifth, this Agreement contains the entire understanding of the parties and supersedes any and all prior or contemporaneous agreements and understandings. This Agreement may not be amended except by a writing executed by both parties. This Agreement

shall be governed by the laws of the State of California without regard to conflict of laws provisions.

Sixth, any notices or other communications required or authorized by this Settlement Agreement shall be sent by hand, by facsimile, or by overnight delivery service (charges prepaid) to the parties at the following addresses (or at any other address which may be specified by any party in writing to the other):

To Santa Monica Community  
College District:

Will Lewis  
KCRW-FM  
1900 Pilo Boulevard  
Santa Monica, California 90405

with a copy to:

Lewis J. Paper, Esq.  
Keck, Mahin & Cate  
1201 New York Avenue, N.W.  
Washington, D.C. 20005-3919

To Living Way Ministries:

Gary Curtis  
14820 Sherman Way  
Van Nuys, California 91405

Seventh, this Settlement Agreement may be signed in counterpart, and, if so, all such counterparts shall be deemed to be one and the same document.

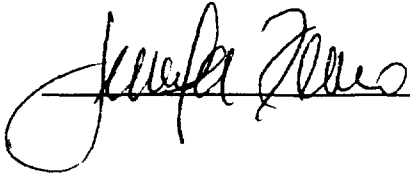
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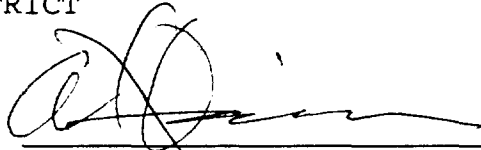
IN WITNESS WHEREOF, the parties have executed this  
Settlement Agreement with the intent of it being effective as of  
the date first set forth above.

WITNESS:

SANTA MONICA COMMUNITY COLLEGE  
DISTRICT

  
\_\_\_\_\_

By:

  
\_\_\_\_\_

Alfred Quinn, Trustee

WITNESS:

LIVING WAY MINISTRIES

\_\_\_\_\_

By:

\_\_\_\_\_

Gary Curtis

IN WITNESS WHEREOF, the parties have executed this  
Settlement Agreement with the intent of it being effective as of  
the date first set forth above.

WITNESS:

SANTA MONICA COMMUNITY COLLEGE  
DISTRICT

\_\_\_\_\_

By:

\_\_\_\_\_  
Alfred Quinn, Trustee

WITNESS:

LIVING WAY MINISTRIES

Robert Marshall

By:

Gary Curtis  
Gary Curtis

**EXHIBIT 2**

AMENDMENT

The application of Santa Monica Community College District for a new noncommercial FM station in Mojave, California (File No. BPED-920305ME) is hereby amended to (1) substitute the attached engineering portion of the Form 301 application, along with the new Engineering Exhibit, to reflect the proposal to operate on Channel 201B in Mojave, California and (2) reflect the ratification of the original application as well as all amendments, including this amendment, by Alfred Quinn, a member of the Board of Trustees.

SANTA MONICA COMMUNITY COLLEGE  
DISTRICT

By: 

Alfred Quinn, Trustee

Date: 

# Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. \_\_\_\_\_

ASB Referral Date \_\_\_\_\_

Referred by \_\_\_\_\_

Name of Applicant

Santa Monica Community College District

Call letters (if issued)

Is this application being filed in response to a window? ☐ Yes ☒ No

If Yes, specify closing date: \_\_\_\_\_

Purpose of Application: (check appropriate boxes)

☒ Construct a new (main) facility

☐ Construct a new auxiliary facility

☐ Modify existing construction permit for main facility

☐ Modify existing construction permit for auxiliary facility

☐ Modify licensed main facility

☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☐ Antenna supporting-structure height

☐ Effective radiated power

☐ Antenna height above average terrain

☐ Frequency

☐ Antenna location

☐ Class

☐ Main Studio location

☐ Other (Summarize briefly)

File Number(s) \_\_\_\_\_

## 1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
201	Mojave	Kern	CA

Class (check only one box below)

☐ A ☐ B1 ☒ B ☐ C3

☐ C2 ☐ C1 ☐ C ☐ D

## 2. Exact location of antenna. (No Change)

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

Oak Creek Pass, 19 km west of Mojave. Northwest corner of Section 8, T11N, R14W

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	35°	04'	02"	Longitude	118°	23'	03"
----------	-----	-----	-----	-----------	------	-----	-----

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both.

N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	°	'	"	Longitude	°	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date 06/29/94 Office where filed Western-Pacific Regional

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>Tehachapi Municipal</u>	<u>7.6</u>	<u>333.1</u>
(b)	<u>Tehachapi, Mountain Valley</u>	<u>4.3</u>	<u>317.4</u>

7. (a) Elevation: *(to the nearest meter)*(1) of site above mean sea level; 1,536 meters(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 30 meters(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 1,566 meters(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical(1) above ground 26 meters (H)26 meters (V)(2) above mean sea level [(aX1) + (bX1)] 1,562 meters (H)1,562 meters (V)(3) above average terrain 195 meters (H)195 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.  
ENGR.

Fig. 1

9. Effective Radiated Power:

(a) ERP in the horizontal plane 22.0 kw (H\*) 22.0 kw (V\*)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

                     kw (H\*)                      kw (V\*)

\*Polarization

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

☒ Yes ☐ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.  
ENGR.

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *except citizens band or amateur* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☒ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.) (On File - No Change)

Exhibit No.  
ENGR.

SEC. 3

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers. (on File - No Change)

Exhibit No.

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
ENGR.

Fig. 4

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 5,514 sq. km.

Population 71,950

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.  
N/A

Enter the following from Exhibit above:

Gain Area \_\_\_\_\_ sq. mi.

Loss Area \_\_\_\_\_ sq. mi.

Percent change (gain area plus loss area as percentage of present area) \_\_\_\_\_ %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 4)

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (*Sectional Aeronautical Chart or equivalent*) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: \_\_\_\_\_)

18. Terrain and coverage data (*to be calculated in accordance with 47 C.F.R. Section 73.313*).

Source of terrain data: (*check only one box below*)

☐ Linearly interpolated 30-second database

☐ 7.5 minute topographic map

(Source: \_\_\_\_\_)

☒ Other (*briefly summarize*) DMA 3-Second Database

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	213.	39.4
45	150.	44.9
90	395.	63.7
135	484.	57.5
180	263.	37.9
225	-99.	14.5
270	-176.	12.2
315	331.	30.8

**Allocation Studies**

(*See Subpart C of 47 C.F.R. Part 73*)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.



SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.  
ENGR.

SEC. 6  
Fig. 5

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference)*.

Exhibit No.  
ENGR.

SEC 8

23.(a) Is the proposed operation on Channel 218, 219, or 220?

☐ Yes ☒ No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☐ No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

- (e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.  
ENGR.

SEC. 6  
Fig. 5

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

☒ Yes ☐ No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.  
ENGR.

SEC. 9

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

☐ Yes ☒ No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

☐ Yes ☒ No

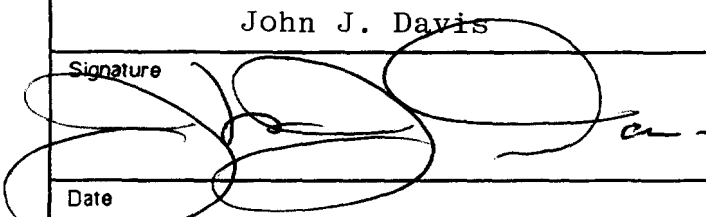
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.

If No, explain briefly why not. See Engineering Exhibit, Section 10.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
John J. Davis	Consulting Engineer
Signature	Address (Include ZIP Code)
	P.O. Box 128 Sierra Madre, CA 91025-0128
Date	Telephone No. (Include Area Code)
June 29, 1994	(818) 355-6909

ENGINEERING EXHIBIT

MODIFICATION OF THE  
APPLICATION FOR CONSTRUCTION PERMIT  
FOR NEW NCE-FM STATION  
MOJAVE, CALIFORNIA

FCC FILE NO. BPED-920305ME

PREPARED FOR:

SANTA MONICA COMMUNITY COLLEGE DISTRICT  
1900 PICO BOULEVARD  
SANTA MONICA, CALIFORNIA 90405-1628

JUNE 29, 1994

PREPARED BY:

JOHN J. DAVIS  
CONSULTING ENGINEER  
POST OFFICE BOX 128  
SIERRA MADRE, CALIFORNIA 91025-0128  
(818) 355-6909  
FAX: (818) 355-4890

ence contour (40 dBu for the co-channel station, 54 dBu for first-adjacent channel stations) are tabulated in Tables VII through IX. Because the "safety-zone"<sup>3</sup> for KLON and KAXL is under 10 km, these two stations' contours are plotted in Figure 5 to insure that no prohibited overlap exists. The safety-zone for KCLU is at least 67 km and, hence, its contours has not been plotted.

The 60 dBu F(50,50) field strength contour and the relevant portions of the 40 and 54 dBu F(50,10) interference contours of the modified proposed Mojave station, along with the primary 60 dBu contours of KLON and KAXL and the 40 dBu F(50,10) interference contour of KLON and the 54 F(50,10) interference contour of KAXL, are plotted in Figure 5, which is also a portion of a USGS topographic map, California South, scale 1:500,000. It can be seen from Figure 5 that there is no prohibitive overlap of any primary and interference contour.

#### 7.0 FM BLANKETING CONSIDERATIONS

The distance to the 115 dBu FM blanketing contour was determined to be 1.85 km (1.15 miles). Within this blanketing contour area there is no population.

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<sup>3</sup> "Safety-zone" being defined as the closest distance that the relevant primary and interference contours come to each other.

APPLICATION FOR MODIFICATION OF  
APPLICATION FOR CONSTRUCTION PERMIT  
NEW NCE-FM STATION  
MOJAVE, CALIFORNIA

PREPARED FOR  
SANTA MONICA COMMUNITY COLLEGE DISTRICT  
SANTA MONICA, CALIFORNIA

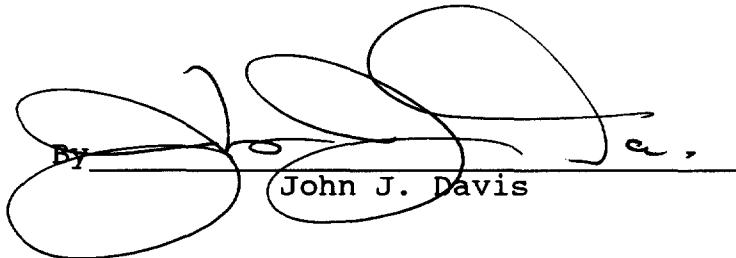
11.0

AFFIDAVIT

STATE OF CALIFORNIA )  
                                  )  
COUNTY OF LOS ANGELES)

ss:

JOHN J. DAVIS, does hereby swear that he is a consulting electronics engineer with offices in Sierra Madre, California; that he is a Registered Professional Engineer in the State of California; that his qualifications as an expert in radio engineering are a matter of record with the Federal Communications Commission; that the foregoing engineering statement was prepared by him or under his direction; and that the statements contained therein are true of his own knowledge and belief, and as to those statements, he verily believes them to be true and correct.

By  \_\_\_\_\_  
John J. Davis

June 29, 1994

# TABLE I

## CHANNEL 201B INTERFERENCE STUDY

Title: MOJAVE, CA	Latitude: 35-04-02
Channel 201B (88.1 MHz) ERP: 22 kW; EAH: 195 m	Longitude: 118-23-03
Database: 06/17/94	Safety zone: 65 km

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of	License, St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)

=====	=====	=====	=====	=====	=====	=====	=====	=====
<b>KSBY</b>	<b>LIC</b>	<b>KSBY, INC.</b>	6	100	35-21-37	279.6	209.3	216.0
SAN LUIS OBISPO, CA			85.0	543	120-39-18	98.3	-6.7	SHORT
Proposed F(50,10) 48 dBu = 92.0 km; KSBY F(50,50) 47 dBu = 124.0 km								

<b>KLON</b>	<b>LIC</b>	<b>CALIFORNIA ST UNIV</b>	LONG	*201B1	8	33-48-00	171.7	142.0	159.1
LONG BEACH, CA			BLED-910211KC	88.1	129	118-09-45	351.9	-17.1	SHORT
License Granted 08/13/92 per FCC release #21448 dated 08/18/92;									
Proposed F(50,10) 40 dBu = 125.20 km; KLON F(50,50) 60 dBu = 34.96 km									
Proposed F(50,50) 60 dBu = 49.52 km; KLON F(50,10) 40 dBu = 95.84 km									

<b>KFCF</b>	<b>LIC</b>	<b>FRESNO FREE COLLEGE</b>	*201B	2.40	37-04-23	337.4	241.7	177.5	
FRESNO, CA			BLED-800318AE	88.1	579	119-25-52	156.8	64.2	CLEAR
Proposed F(50,10) 40 dBu = 125.20 km; KFCF F(50,50) 60 dBu = 52.31 km									
Proposed F(50,50) 60 dBu = 49.52 km; KFCF F(50,10) 40 dBu = 127.30 km									

<b>KAXL</b>	<b>CP</b>	<b>SKYRIDE UNLIMITED, INC.</b>	*202B1	21.1DA	35-24-55	296.9	86.4	110.8	
GREENACRES, CA			BPED-920110MB	88.3	100	119-14-01	116.4	-24.4	SHORT
CP Granted 06/17/92 per FCC release #21410 dated 06/29/92; Application for									
License (BLED-940421KA) accepted per FCC release #15796 dated 05/04/94;									
Proposed F(50,10) 54 dBu = 73.11 km; KAXL F(50,50) 60 dBu = 37.73 km									
Proposed F(50,50) 60 dBu = 49.52 km; KAXL F(50,10) 54 dBu = 58.11 km									

<b>KCLU</b>	<b>CP</b>	<b>CALIFORNIA LUTHERAN</b>	*202B1	1.20DA	34-13-05	208.7	107.3	97.6	
THOUSAND OAKS, CA			BMPED-930617IA	88.3	163	118-56-42	28.4	9.7	CLOSE
CP Granted 10/13/93 per FCC release #21746 dated 10/22/93;									
Proposed F(50,10) 54 dBu = 73.11 km; KCLU F(50,50) 60 dBu = 24.46 km									
Proposed F(50,50) 60 dBu = 49.52 km; KCLU F(50,10) 54 dBu = 34.69 km									

<b>KUCR</b>	<b>LIC</b>	<b>REGENTS OF UNIVERSITY</b>	*202A	.16	33-58-09	140.5	157.5	94.3	
RIVERSIDE, CA			BLED-920312I	88.3	328	117-17-48	321.1	63.2	CLEAR
License Granted 12/22/93 per FCC release #21790 dated 12/28/93;									
Proposed F(50,10) 54 dBu = 73.1 km; KUCR F(50,50) 60 dBu = 21.2 km									
Proposed F(50,50) 60 dBu = 49.5 km; KUCR F(50,10) 54 dBu = 31.4 km									

<b>KUCR</b>	<b>APP</b>	<b>REGENTS OF UNIVERSITY</b>	*202A	.15	33-57-58	140.3	158.3	98.6	
RIVERSIDE, CA			BMPED-930423I	88.3	494	117-17-14	320.9	59.7	CLEAR
Accepted per FCC release #15519 dated 05/03/93									
Proposed F(50,10) 54 dBu = 73.11 km; KUCR F(50,50) 60 dBu = 25.45 km									
Proposed F(50,50) 60 dBu = 49.52 km; KUCR F(50,10) 54 dBu = 39.44 km									

# TABLE I

## CHANNEL 201B INTERFERENCE STUDY

Title: MOJAVE, CA  
Channel 201B (88.1 MHz) ERP: 22 kW; EAH: 195 m  
Database: 06/17/94

Latitude: 35-04-02  
Longitude: 118-23-03  
Safety zone: 65 km

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License, St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)	
KCSN	LIC	CALIFORNIA STATE UNIV	*203A	.05	34-21-13	182.1	79.2	54.1
NORTHRIDGE, CA	BLED-870911KB	88.5	646	118-24-57	2.1	25.1	CLEAR	
Proposed F(50,10) 80 dBu = 18.47 km; KCSN F(50,50) 60 dBu = 22.87 km								
Proposed F(50,50) 60 dBu = 49.52 km; KCSN F(50,10) 80 dBu = 4.60 km								
KCSN	APC	CALIFORNIA STATE UNIV	*203B1	.32DA	34-19-11	190.6	84.4	58.4
NORTHRIDGE, CA	BLED-930115MB	88.5	501	118-33-14	10.5	26.0	CLEAR	
Proposed F(50,10) 80 dBu = 18.47 km; KCSN F(50,50) 60 dBu = 30.86 km								
Proposed F(50,50) 60 dBu = 49.52 km; KCSN F(50,10) 80 dBu = 8.86 km								
KHMS	LIC	FAITH COMMUNICATIONS	*203A	.06	34-36-40	116.6	112.2	54.0
VICTORVILLE, CA	BMPED-910828M	88.5	913	117-17-20	297.2	57.9	CLEAR	
License Granted 06/25/93 per FCC release #21669 dated 07/01/93;								
Proposed F(50,10) 80 dBu = 18.47 km; KHMS F(50,50) 60 dBu = 19.10 km								
Proposed F(50,50) 60 dBu = 49.52 km; KHMS F(50,10) 80 dBu = 4.52 km								
KHMS	APC	FAITH COMMUNICATIONS	*203B1	.25	34-36-40	116.6	112.2	57.45
VICTORVILLE, CA	BPED-931214MB	88.5	461	117-17-20	297.2	54.79	CLEAR	
Tendered per FCC release #15705 dated 12/28/93; Cut-off 05/31/94 A-261;								
CHANGE CLASS FROM A; Was KXGV 12/01/92 per FCC release #195 dated 11/20/92;								
Proposed F(50,10) 80 dBu = 18.47 km; KHMS F(50,50) 60 dBu = 27.69 km								
Proposed F(50,50) 60 dBu = 49.52 km; KHMS F(50,50) 80 dBu = 7.922 km								
NEW	APC	SANTA MONICA COMMUNITY	*204B	29DA	35-04-02	.0	57.4	
MOJAVE, CA	BPED-920305ME	88.7	195	118-23-03	.0	-57.4	SHORT	
Tendered per FCC release #15216 dated 03/13/92; Cut-off 05/11/92 A-235								
Proposed F(50,10) 100 dBu = 5.4 km; NEW F(50,50) 60 dBu = 52.0 km								
Proposed F(50,50) 60 dBu = 49.5 km; NEW F(50,10) 100 dBu = 5.8 km								
KYSR	LIC	KXEZ, INC.	254B	75	34-07-08	180.4	105.2	20
LOS ANGELES, CA			98.7	360	118-23-30	.4	85.2	CLEAR

### FIRST-ADJACENT CHANNEL STATIONS

34° 13' 05" - 118° 56' 42"

RADIAL (°)	ANTENNA HEIGHT ABOVE AVERAGE TERRAIN (Meters)	ERP (dBk)	DISTANCE TO CONTOURS	
			F(50,50)	F(50,10)
			60 DBU (km)	54 DBU (km)
0	169	-3.78	19.5	28.8
45	198	-7.15	17.2	25.8
90	72	-6.03	11.0	15.7
135	102	-2.50	16.0	24.0
180	-40	0.79	10.6	14.8
225	225	0.79	28.3	42.9
270	358	0.79	35.7	53.9
315	219	0.79	28.0	42.3
AVERAGE	163			
28.4	157	-5.23	17.2	25.6

SAFETY-ZONE: 67.2 km 68.5 km

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**EXHIBIT 3**